

## REMARKS

The applicant submits the following election with **traverse**.

The examiner has required that the Applicant elect one of the following groups of claims for prosecution in this application:

I.A. Claim 1, drawn to a specific method of growth and testing of a silicon layer in an optical filter;

I.B. Claims 2-10, drawn to a general method of growth and testing of a high index layer in an optical filter;

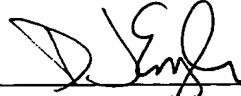
II.A. Claims 11-14, drawn to an optical filter with a high index layer;

II.B. Claim 15, drawn to an optical filter with means to monitor layer growth.

Applicant provisionally elects to prosecute the claims in Group II.A (Claims 11-14) with **traverse**.

Applicant has added Claim 16 directed to the optical filter of Claim 11 in an atomic layer controlled optical filter system. Consideration and allowance of Claim 16 is hereby solicited. Since there does not exist an undue burden on the examiner, examination of Claim 15 is respectfully requested with provisionally elected Claims 11-14 and new Claim 16.

Respectfully submitted,



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